

Kiryu Sakakibara

Website: kirysakakibara.github.io | **Email:** kps59@cornell.edu | **Phone:** (646) 872-3204
LinkedIn: www.linkedin.com/in/kirysakakibara | **Github:** github.com/KiryuSakakibara

Education

Cornell University, College of Engineering

Sep 2019 - May 2023

- B.S. in Computer Science, Game Design Minor | GPA: 3.4
- Relevant courses: Data Structures, Functional Programming, Differential Equations, Linear Algebra, Game Design, Databases, Algorithms, Computer Vision, Computer Graphics, Artificial Intelligence

The Bronx High School of Science

Sep 2015 - June 2019

- Relevant courses: App Development, Game Programming

Experience

Software Development Engineer Intern

Seattle, WA

Amazon

May 2022 – Aug 2022

- Developed a full-stack web application from scratch using React and Java REST APIs, allowing internal Amazon employees to query a database easily and safely for information regarding unsellable servers.
- Collaborated with stakeholders frequently to ensure the application was being built based on customer needs first.

Teacher's Assistant for Intro Game Design

Ithaca, NY

Cornell University

Jan 2022 – May 2023

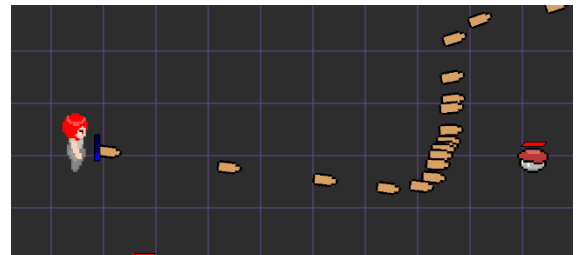
- Attended discussions and presentations to oversee 12 groups and the development of their games, as well as answer any questions that they may have had.
- Helped improve students' games by grading assignments with feedback, holding office hours, and play-testing games for functionality and design.

Projects

Time Step Delta Video Game

Personal Project

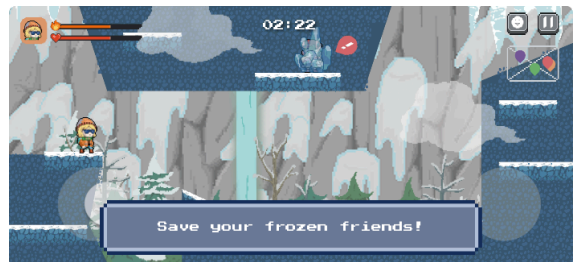
- A Rogue-like bullet hell game for browser/PC being developed by myself in TypeScript using the Phaser game engine and Electron.
- Play at <https://kirysakakibara.itch.io/time-step-delta>



Yeti Set Go! Video Game

Advanced Game Design at Cornell

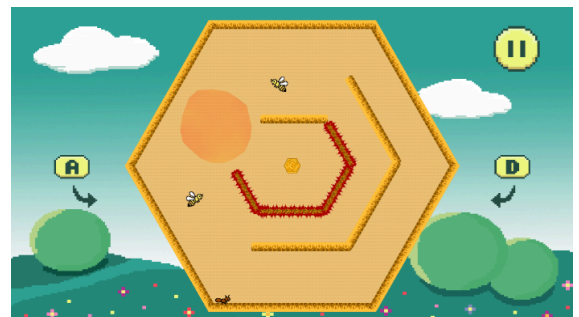
- A multiplayer platformer game for mobile devices developed by a team of 9 people in C++ using the CUGL game engine.
- Implemented screen/world transformations, win/lose conditions, and collision detection.



Honey Heist Video Game

Intro Game Design at Cornell

- A puzzle platforming game for computers developed by a team of 8 people in Java using the LibGDX game engine.
- Implemented level editor and manipulation of JSON files to store and load level designs and save states.



Skills

Programming languages: Java, JavaScript, C#, C++, Python

Development tools: Unity, LibGDX, Git/Github, Android Studio, Node, React, Spring, Electron, Webpack, openGL

Languages: English, Japanese